STATISTICAL SCIENCE

Contents of Volume 25 (2010)

ARTICLES

ALDOUS, DAVID J. AND SHUN, JULIAN. Connected Spatial Networks over Random Points and a Route-Length Statistic, 275–288

APWEILER, ROLF. (see Sedransk, Nell)

BAR, HAIM, BOOTH, JAMES, SCHIFANO, ELIZABETH AND WELLS, MARTIN T. Laplace Approximated EM Microarray Analysis: An Empirical Bayes Approach for Comparative Microarray Experiments, 388–407

BARTROFF, JAY AND LAI, TZE LEUNG. Approximate Dynamic Programming and Its Applications to the Design of Phase I Cancer Trials, 245–257

BOOTH, JAMES. (see Bar, Haim)

BRANCO, JOÃO A. (see Pires, Ana M.)

CARLSON, RICHARD W. (see Sedransk, Nell)

CARVALHO, CARLOS M., JOHANNES, MICHAEL S., LOPES, HEDIBERT F. AND POLSON, NICHOLAS G. Particle Learning and Smoothing, 88–106

CHEUNG, YING KUEN. Stochastic Approximation and Modern Model-Based Designs for Dose-Finding Clinical Trials, 191–201

CONAWAY, MARK. (see O'Quigley, John)

COX, LAWRENCE H. (see Sedransk, Nell)

DEMÉTRIO, CLARICE G. B. (see Molenberghs, Geert)

DIDELEZ, VANESSA, KREINER, SVEND AND KEIDING, NIELS. Graphical Models for Inference Under Outcome-Dependent Sampling, 368–387

DIDELEZ, VANESSA, MENG, SHA AND SHEEHAN, NUALA A. Assumptions of IV Methods for Observational Epidemiology, 22–40

EBRAHIMI, NADER, SOOFI, EHSAN S. AND SOYER, REFIK. On the Sample Information About Parameter and Prediction, 348–367

EFRON, BRADLEY. The Future of Indirect Evidence, 145–157

EFRON, BRADLEY. Rejoinder: The Future of Indirect Evidence, 170–171

FAN, XIAODAN, YUAN, YUAN AND LIU, JUN S. The EM Algorithm and the Rise of Computational Biology, 476–491

FEARNHEAD, PAUL. (see Sherlock, Chris)

GELMAN, ANDREW. Bayesian Statistics Then and Now, 162–165

GONG, HAIFENG. (see Si, Zhangzhang)

GREENLAND, SANDER. Comment: The Need for Syncretism in Applied Statistics on Efron, Bradley, 158–161

IMAI, KOSUKE, KEELE, LUKE AND YAMAMOTO, TEPPEI. Identification, Inference and Sensitivity Analysis for Causal Mediation Effects, 51–71

JOHANNES, MICHAEL S. (see Carvalho, Carlos M.)

KALBFLEISCH, JOHN D. (see Zhou, Yan)

KASS, ROBERT E. Comment: How Should Indirect Evidence Be Used? on Gelman, Andrew, 166–169

KEELE, LUKE. (see Imai, Kosuke)

KEIDING, NIELS. (see Didelez, Vanessa)

KELNER, KATRINA L. (see Sedransk, Nell)

KREINER, SVEND. (see Didelez, Vanessa)

LAI, TZE LEUNG. (see Bartroff, Jay)

LAIRD, NAN M. The EM Algorithm in Genetics, Genomics and Public Health, 450–457

LANGE, KENNETH. (see Wu, Tong Tong)

LANGE, KENNETH. (see Zhou, Hua)

LEWANDOWSKI, ANDREW, LIU, CHUANHAI AND VANDER WIEL, SCOTT. Parameter Expansion and Efficient Inference, 533–544

LITTLE, RODERICK J. A. (see Zhou, Yan)

LIU, CHUANHAI. (see Lewandowski, Andrew)

LIU, CHUANHAI. (see Martin, Ryan)

LIU, JUN S. (see Fan, Xiaodan)

LOPES, HEDIBERT F. (see Carvalho, Carlos M.)

MARTIN, RYAN, ZHANG, JIANCHUN AND LIU, CHUANHAI. Dempster–Shafer Theory and Statistical Inference with Weak Beliefs, 72–87

MENG, SHA. (see Didelez, Vanessa)

MENG, XIAO-LI. (see van Dyk, David A.)

MOFFITT, ROBERT A. (see Sedransk, Nell)

MOLENBERGHS, GEERT, VERBEKE, GEERT, DEMÉTRIO, CLARICE G. B. AND VIEIRA, AFRÂNIO M. C. A Family of Generalized Linear Models for Repeated Measures with Normal and Conjugate Random Effects, 325–347

NOLAN, DEBORAH. (see Sedransk, Nell)

O'QUIGLEY, JOHN AND CONAWAY, MARK. Continual Reassessment and Related Dose-Finding Designs, 202–216

STATISTICAL SCIENCE

Contents of Volume 25 (2010)

ARTICLES

ALDOUS, DAVID J. AND SHUN, JULIAN. Connected Spatial Networks over Random Points and a Route-Length Statistic, 275–288

APWEILER, ROLF. (see Sedransk, Nell)

BAR, HAIM, BOOTH, JAMES, SCHIFANO, ELIZABETH AND WELLS, MARTIN T. Laplace Approximated EM Microarray Analysis: An Empirical Bayes Approach for Comparative Microarray Experiments, 388–407

BARTROFF, JAY AND LAI, TZE LEUNG. Approximate Dynamic Programming and Its Applications to the Design of Phase I Cancer Trials, 245–257

BOOTH, JAMES. (see Bar, Haim)

BRANCO, JOÃO A. (see Pires, Ana M.)

CARLSON, RICHARD W. (see Sedransk, Nell)

CARVALHO, CARLOS M., JOHANNES, MICHAEL S., LOPES, HEDIBERT F. AND POLSON, NICHOLAS G. Particle Learning and Smoothing, 88–106

CHEUNG, YING KUEN. Stochastic Approximation and Modern Model-Based Designs for Dose-Finding Clinical Trials, 191–201

CONAWAY, MARK. (see O'Quigley, John)

COX, LAWRENCE H. (see Sedransk, Nell)

DEMÉTRIO, CLARICE G. B. (see Molenberghs, Geert)

DIDELEZ, VANESSA, KREINER, SVEND AND KEIDING, NIELS. Graphical Models for Inference Under Outcome-Dependent Sampling, 368–387

DIDELEZ, VANESSA, MENG, SHA AND SHEEHAN, NUALA A. Assumptions of IV Methods for Observational Epidemiology, 22–40

EBRAHIMI, NADER, SOOFI, EHSAN S. AND SOYER, REFIK. On the Sample Information About Parameter and Prediction, 348–367

EFRON, BRADLEY. The Future of Indirect Evidence, 145–157

EFRON, BRADLEY. Rejoinder: The Future of Indirect Evidence, 170–171

FAN, XIAODAN, YUAN, YUAN AND LIU, JUN S. The EM Algorithm and the Rise of Computational Biology, 476–491

FEARNHEAD, PAUL. (see Sherlock, Chris)

GELMAN, ANDREW. Bayesian Statistics Then and Now, 162–165

GONG, HAIFENG. (see Si, Zhangzhang)

GREENLAND, SANDER. Comment: The Need for Syncretism in Applied Statistics on Efron, Bradley, 158–161

IMAI, KOSUKE, KEELE, LUKE AND YAMAMOTO, TEPPEI. Identification, Inference and Sensitivity Analysis for Causal Mediation Effects, 51–71

JOHANNES, MICHAEL S. (see Carvalho, Carlos M.)

KALBFLEISCH, JOHN D. (see Zhou, Yan)

KASS, ROBERT E. Comment: How Should Indirect Evidence Be Used? on Gelman, Andrew, 166–169

KEELE, LUKE. (see Imai, Kosuke)

KEIDING, NIELS. (see Didelez, Vanessa)

KELNER, KATRINA L. (see Sedransk, Nell)

KREINER, SVEND. (see Didelez, Vanessa)

LAI, TZE LEUNG. (see Bartroff, Jay)

LAIRD, NAN M. The EM Algorithm in Genetics, Genomics and Public Health, 450–457

LANGE, KENNETH. (see Wu, Tong Tong)

LANGE, KENNETH. (see Zhou, Hua)

LEWANDOWSKI, ANDREW, LIU, CHUANHAI AND VANDER WIEL, SCOTT. Parameter Expansion and Efficient Inference, 533–544

LITTLE, RODERICK J. A. (see Zhou, Yan)

LIU, CHUANHAI. (see Lewandowski, Andrew)

LIU, CHUANHAI. (see Martin, Ryan)

LIU, JUN S. (see Fan, Xiaodan)

LOPES, HEDIBERT F. (see Carvalho, Carlos M.)

MARTIN, RYAN, ZHANG, JIANCHUN AND LIU, CHUANHAI. Dempster–Shafer Theory and Statistical Inference with Weak Beliefs, 72–87

MENG, SHA. (see Didelez, Vanessa)

MENG, XIAO-LI. (see van Dyk, David A.)

MOFFITT, ROBERT A. (see Sedransk, Nell)

MOLENBERGHS, GEERT, VERBEKE, GEERT, DEMÉTRIO, CLARICE G. B. AND VIEIRA, AFRÂNIO M. C. A Family of Generalized Linear Models for Repeated Measures with Normal and Conjugate Random Effects, 325–347

NOLAN, DEBORAH. (see Sedransk, Nell)

O'QUIGLEY, JOHN AND CONAWAY, MARK. Continual Reassessment and Related Dose-Finding Designs, 202–216

PACIOREK, CHRISTOPHER J. The Importance of Scale for Spatial-Confounding Bias and Precision of Spatial Regression Estimators, 107–125
PIRES, ANA M. AND BRANCO, JOÃO A. A Statistical Model to Explain the Mendel–Fisher Controversy, 545–565
POLSON, NICHOLAS G. (see Carvalho, Carlos M.)
RADDICK, JORDAN. (see Sedransk, Nell)
ROBERTS, GARETH O. (see Sherlock, Chris)
ROGATKO, ANDRÉ. (see Tighiouart, Mourad)
SCHIFANO, ELIZABETH. (see Bar, Haim)
SEDRANSK, NELL, YOUNG, LINDA J., KELNER, KATRINA L., MOFFITT, ROBERT A., THAKAR, ANI, RADDICK, JORDAN, UNGVARSKY, EDWARD J., CARLSON, RICHARD W., APWEILER, ROLF, COX, LAWRENCE H., NOLAN, DEBORAH, SOPER, KEITH AND SPIEGELMAN, CLIFF. Make Research Data Public?—Not Always so Simple: *A Dialogue for Statisticians and Science Editors*, 41–50
SHÉEHAN, NUALA A. (see Didelez, Vanessa)
SHERLOCK, CHRIS, FEARNHEAD, PAUL AND ROBERTS, GARETH O. The Random Walk Metropolis: Linking Theory and Practice Through a Case Study, 172–190
SHMUELI, GALIT. To Explain or to Predict?, 289–310
SHUN, JULIAN. (see Aldous, David J.)
SI, ZHANGZHANG, GONG, HAIFENG, ZHU, SONG-CHUN AND WU, YING NIAN. Learning Active Basis Models by EM-Type Algorithms, 458–475
SOOFI, EHSAN S. (see Ebrahimi, Nader)
SOPER, KEITH. (see Sedransk, Nell)
SOYER, REFIK. (see Ebrahimi, Nader)
SPIEGELMAN, CLIFF. (see Sedransk, Nell)
STUART, ELIZABETH A. Matching Methods for Causal Inference: A Review and a Look Forward, 1–21
SUCHARD, MARC A. (see Zhou, Hua)
TANNER, MARTIN A. AND WONG, WING H. From EM to Data Augmentation: The Emergence of MCMC Bayesian Computation in the 1980s, 506–516
THAKAR, ANI. (see Sedransk, Nell)
THALL, PETER F. Bayesian Models and Decision Algorithms for Complex Early Phase Clinical Trials, 227–244
TIGHIOUART, MOURAD AND ROGATKO, ANDRÉ. Dose Finding with Escalation with Overdose Control (EWOC) in Cancer Clinical Trials, 217–226
UNGVARSKY, EDWARD J. (see Sedransk, Nell)
VAN DYK, DAVID A. AND MENG, XIAO-LI. Cross-Fertilizing Strategies for Better EM Mountain Climbing and DA Field Exploration: A Graphical Guide Book, 429–449
VANDER WIEL, SCOTT. (see Lewandowski, Andrew)
VERBEKE, GEERT. (see Molenberghs, Geert)
VIEIRA, AFRÂNIO M. C. (see Molenberghs, Geert)
WELLS, MARTIN T. (see Bar, Haim)
WONG, WING H. (see Tanner, Martin A.)
WU, YING NIAN. (see Si, Zhangzhang)
WU, TONG TONG AND LANGE, KENNETH. The MM Alternative to EM, 492–505
YAMAMOTO, TEPPEI. (see Imai, Kosuke)
YOUNG, LINDA J. (see Sedransk, Nell)
YUAN, YUAN. (see Fan, Xiaodan)
ZHANG, JIANCHUN. (see Martin, Ryan)
ZHOU, HUA, LANGE, KENNETH AND SUCHARD, MARC A. Graphics Processing Units and High-Dimensional Optimization, 311–324
ZHOU, YAN, LITTLE, RODERICK J. A. AND KALBFLEISCH, JOHN D. Block-Conditional Missing at Random Models for Missing Data, 517–532
ZHU, SONG-CHUN. (see Si, Zhangzhang)

CONVERSATIONS

BHATTACHARYA, DEBASIS AND SAMANIEGO, FRANCISCO J. A Conversation with George G. Roussas, 566–587
BRACKSTONE, GORDON. (see Genest, Christian)
GENEST, CHRISTIAN AND BRACKSTONE, GORDON. A Conversation with Martin Bradbury Wilk, 258–273
GILLILAND, DENNIS AND RAMAMOORTHI, R. V. A Conversation with James Hannan, 126–144
PEÑA, DANIEL AND TSAY, RUEY S. A Conversation with George C. Tiao, 408–428
RAMAMOORTHI, R. V. (see Gilliland, Dennis)
SAMANIEGO, FRANCISCO J. (see Bhattacharya, Debasis)
TSAY, RUEY S. (see Peña, Daniel)